

FIG. 1

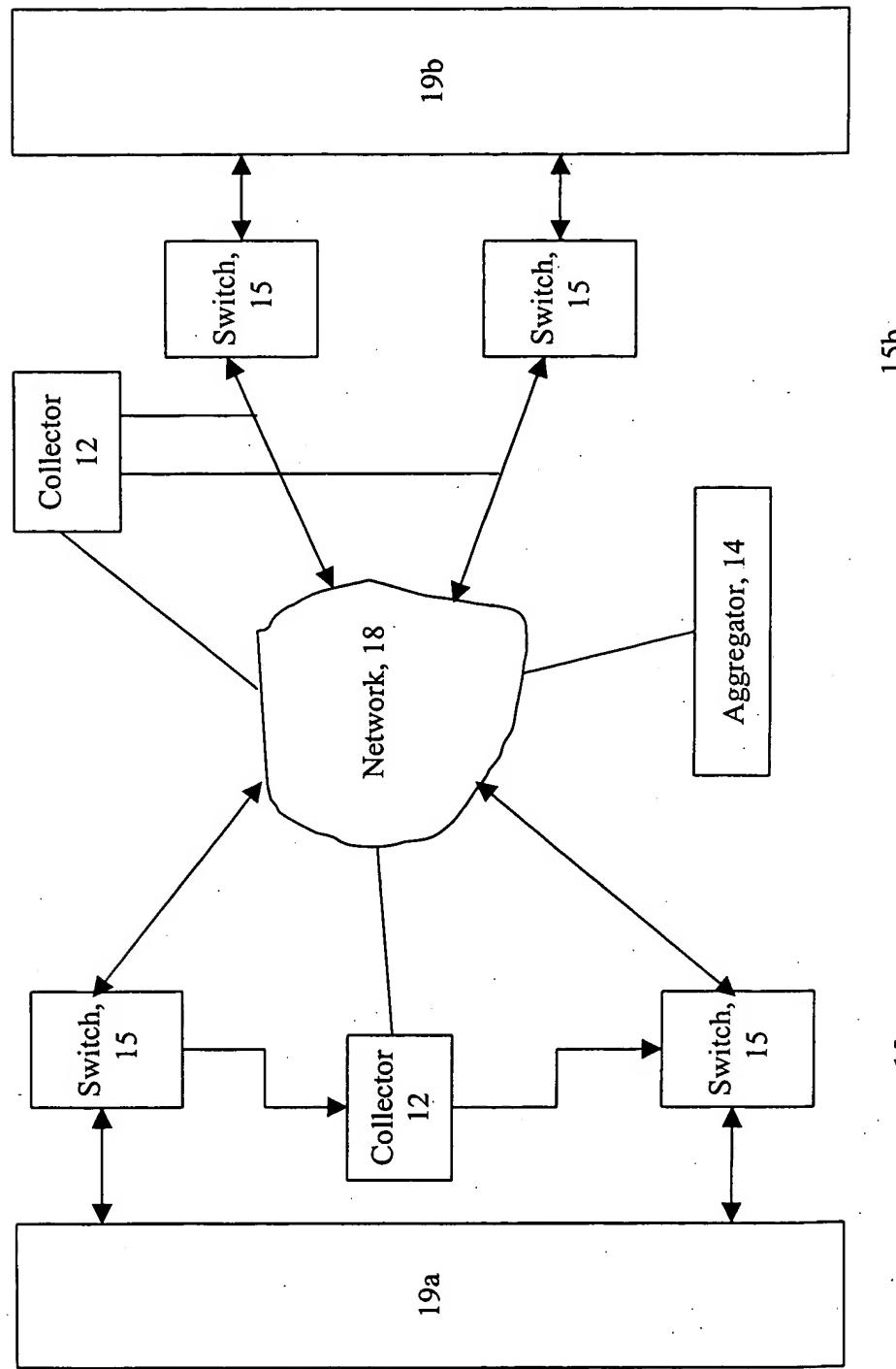


FIG. 2

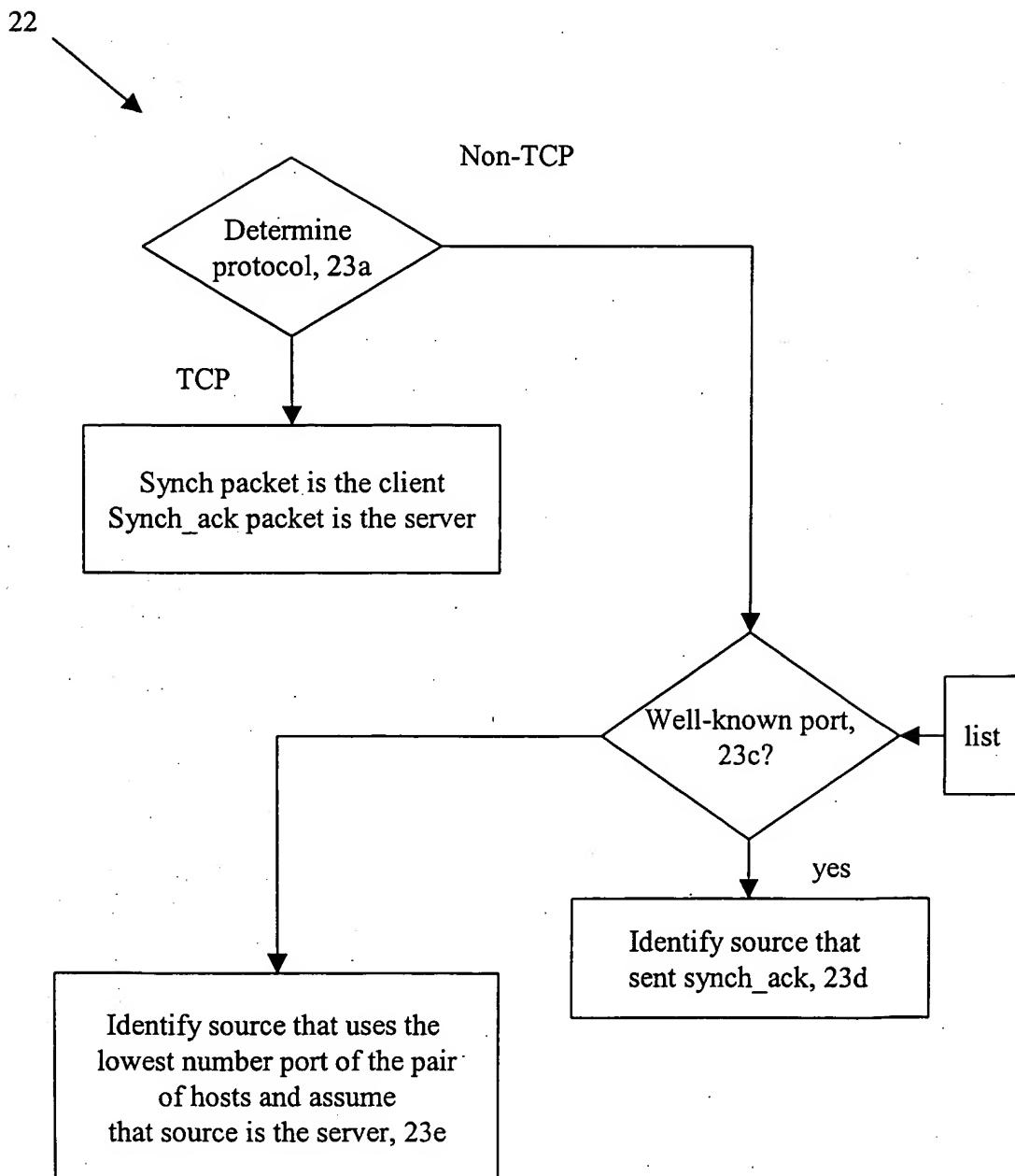


FIG. 2A

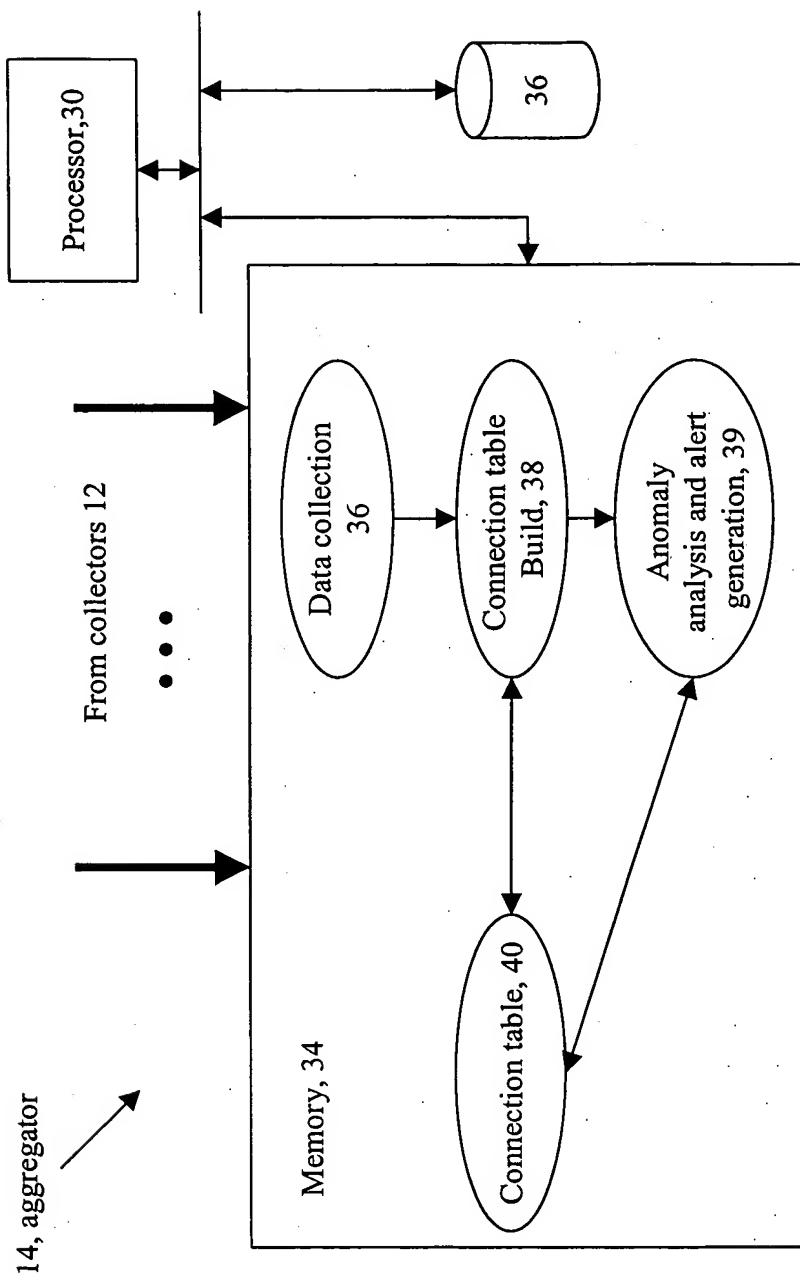
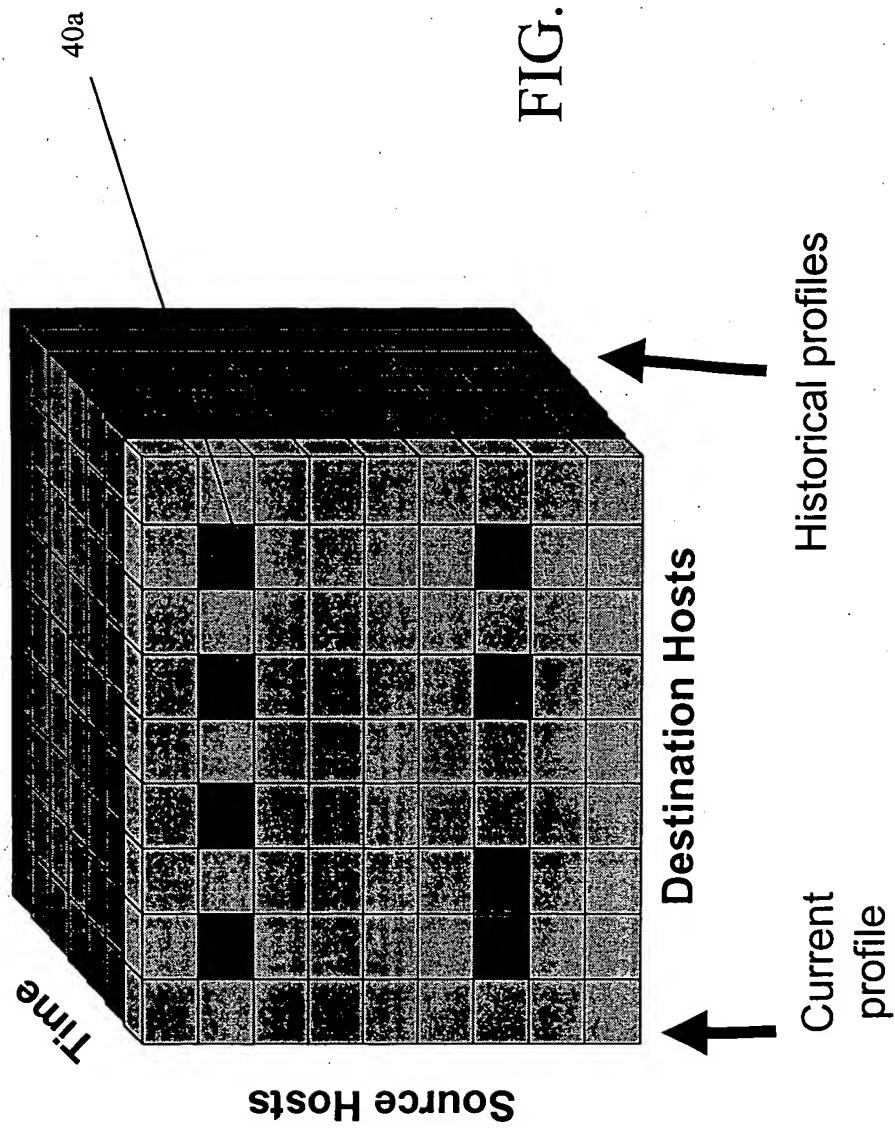
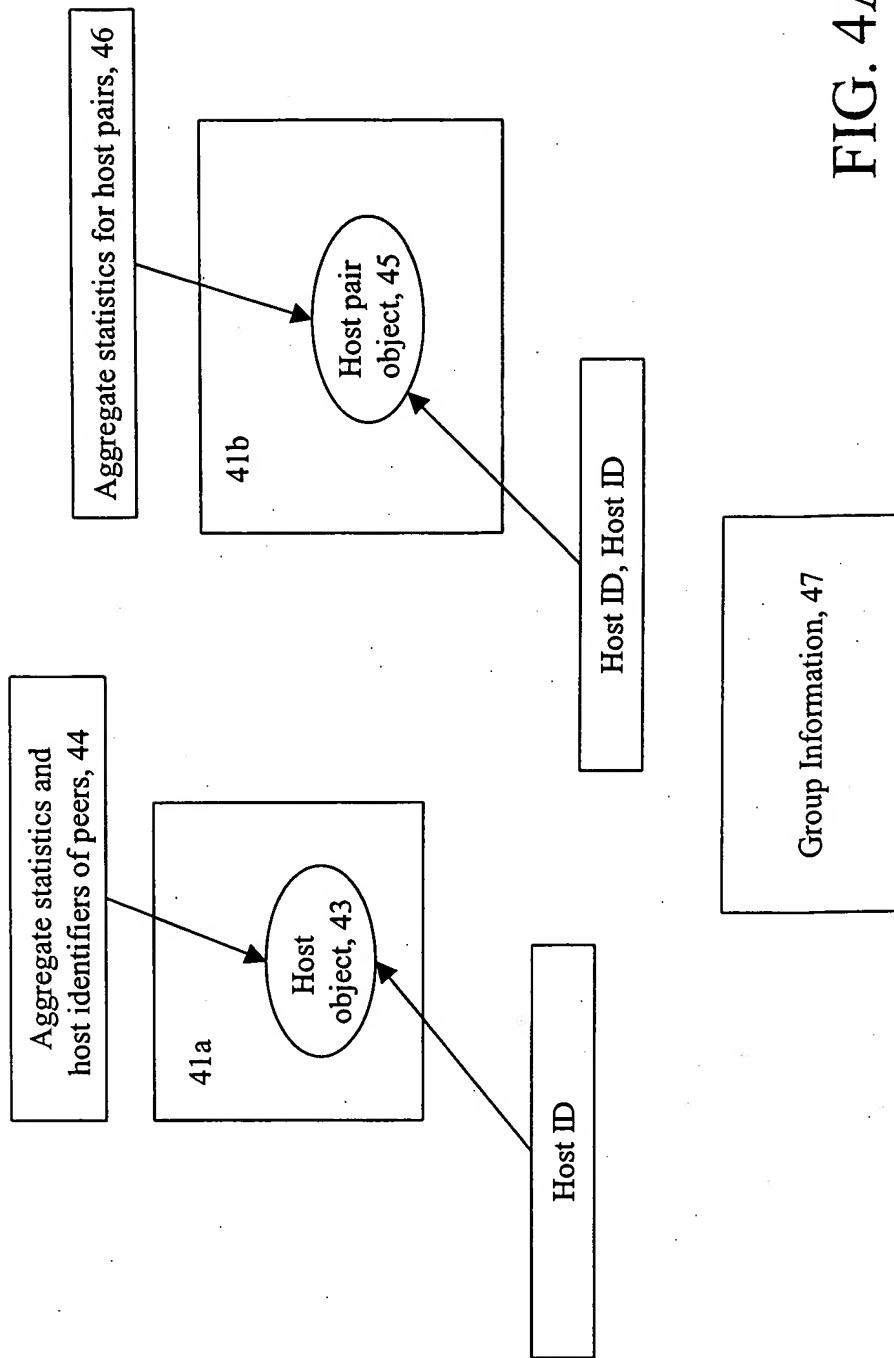


FIG. 3

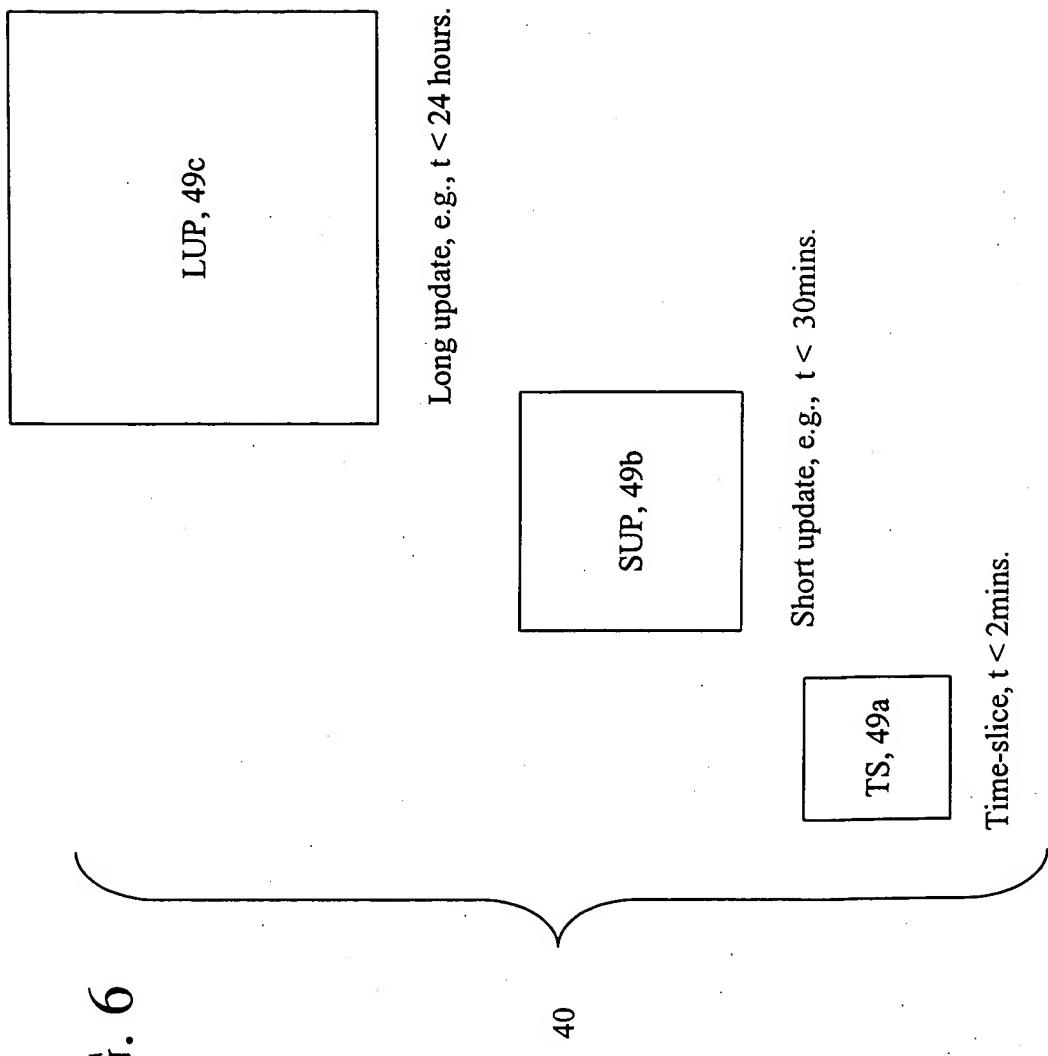
FIG. 4





Time Slice	Fri	Thu	Wed	...	Sun	Sat	Fri
Services provided by A (Web Server) to B (Desktop)							
WWW (TCP:80)							
Bytes / sec	2k	3k	1k	...	2k	4k	3k
Packets / sec	5	6	2		5	9	5
Conn's. / hr	.3	.5	.3		.2	.3	.3
SSH (TCP:22)							
Bytes / sec	1k	3k	4k	...	1k	2k	3k
Packets / sec	2	6	9		2	5	6
Conn's. / hr	.3	.5	.3		.3	.3	.5
Services provided by B (Desktop) to A (Web Server)							
SSH (TCP:22)							
Bytes / sec	21k	0	0	...	0	0	0
Packets / sec	10	0	0		0	0	0
Conn's. / hr	1	0	0		0	0	0

FIG. 5



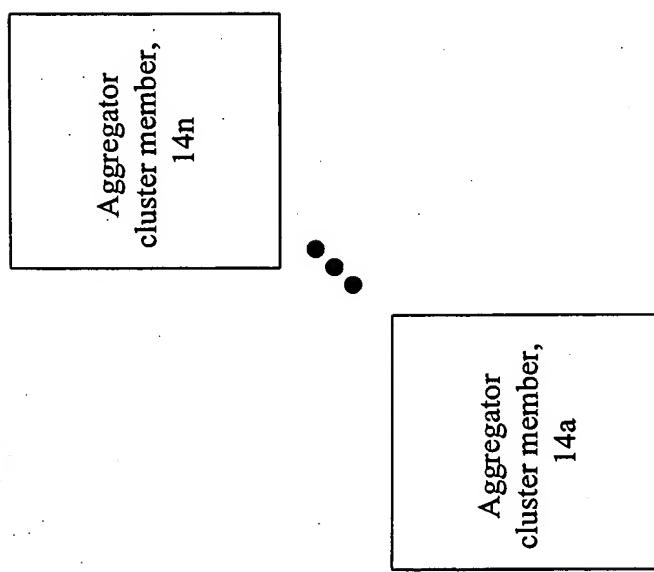
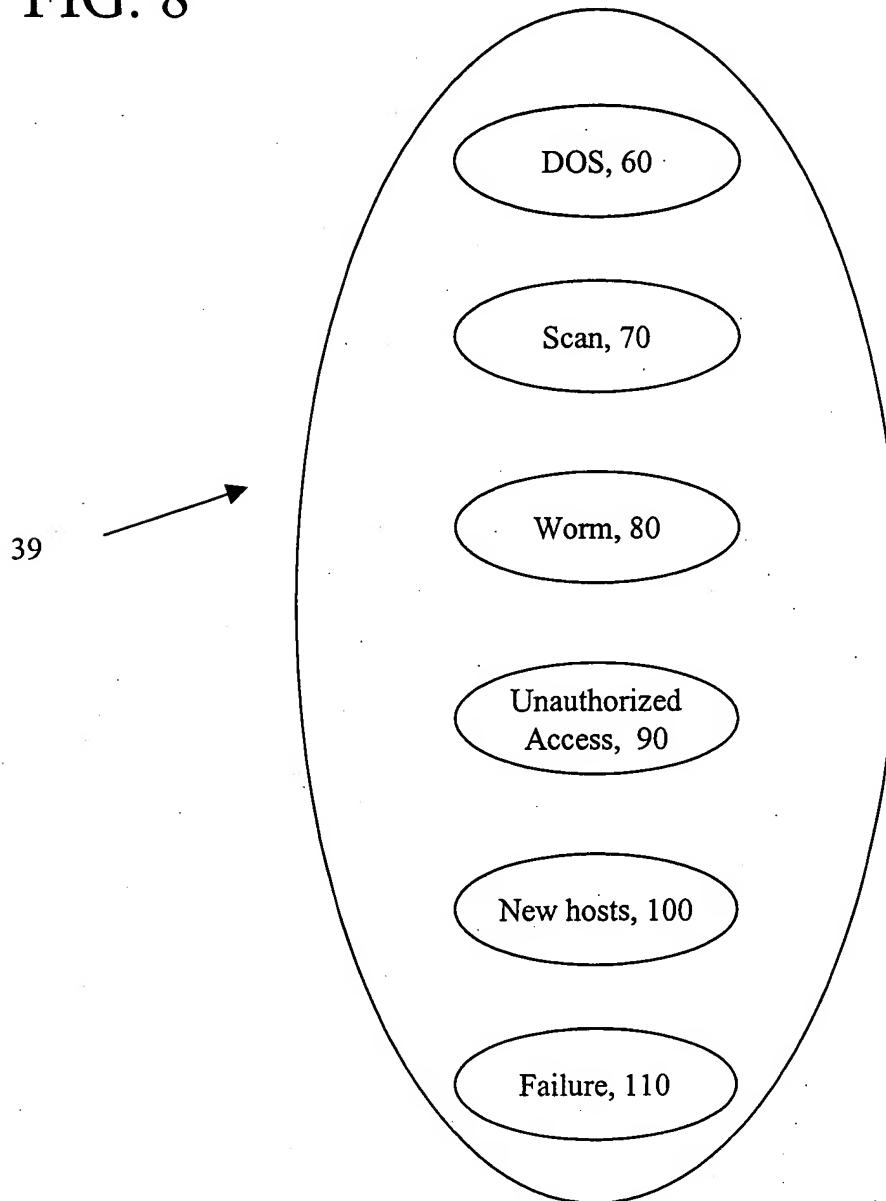


FIG. 7

FIG. 8



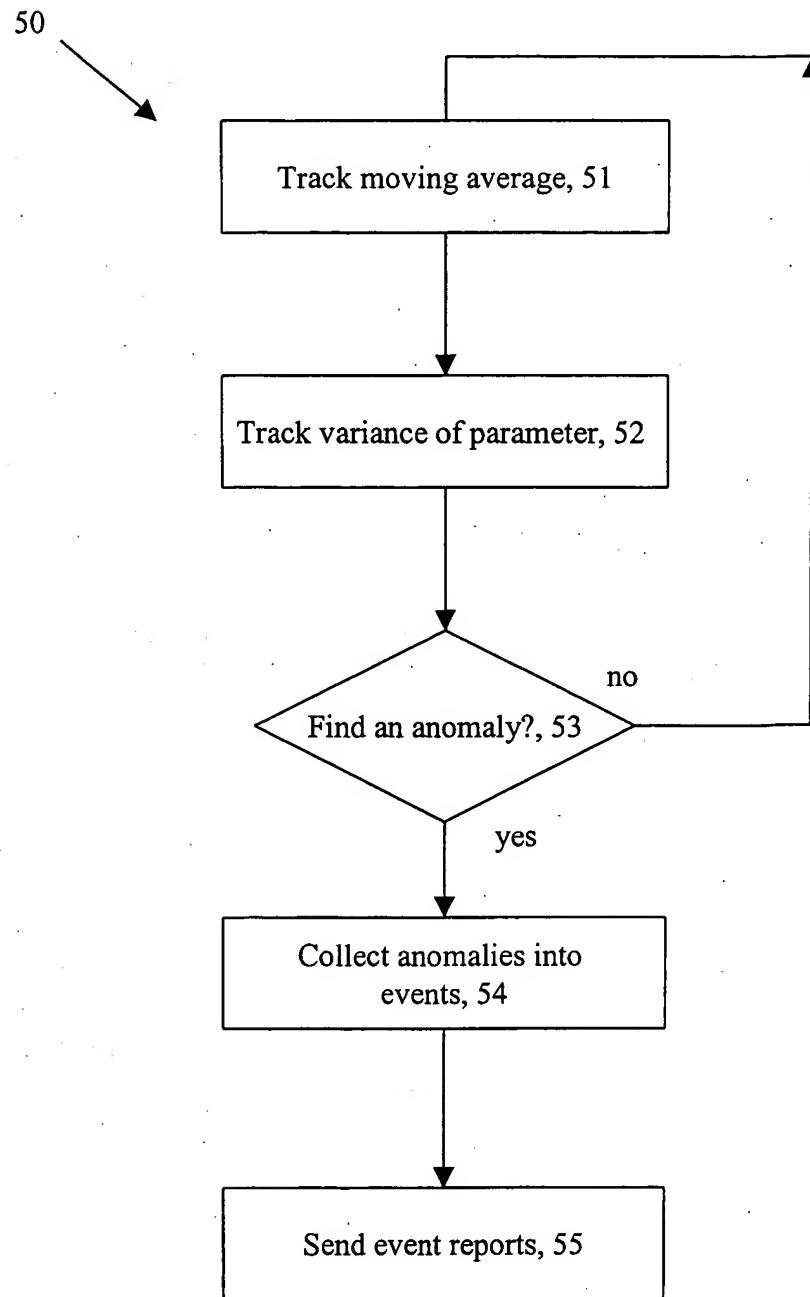


FIG. 9

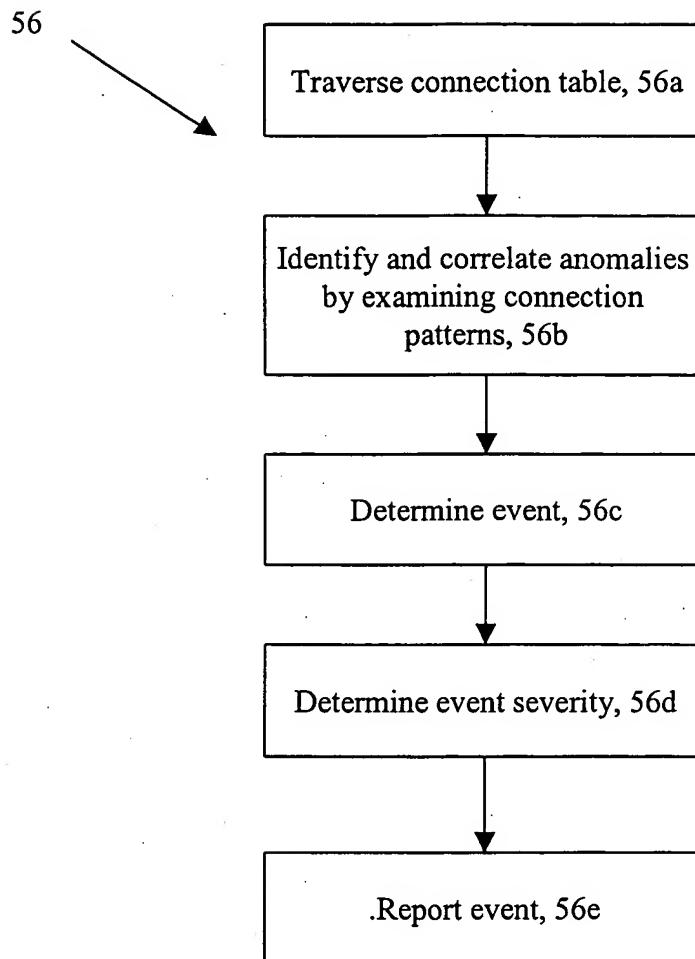


FIG. 10

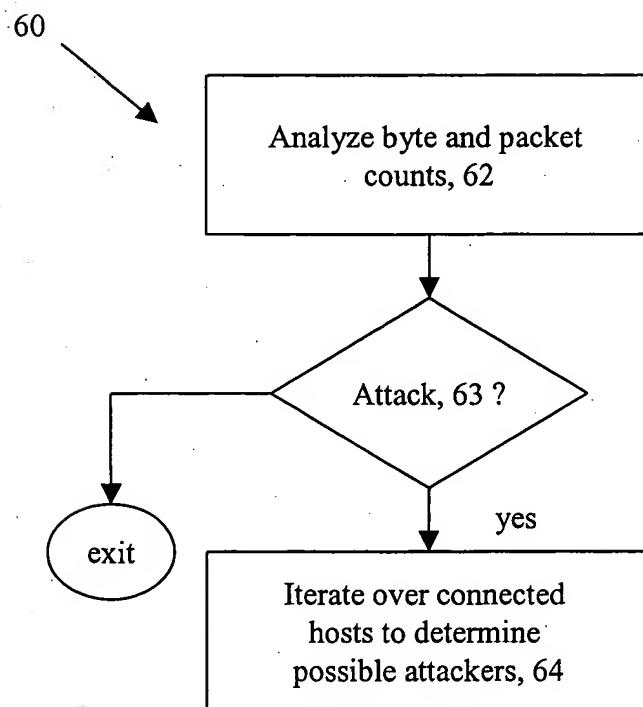


FIG. 11

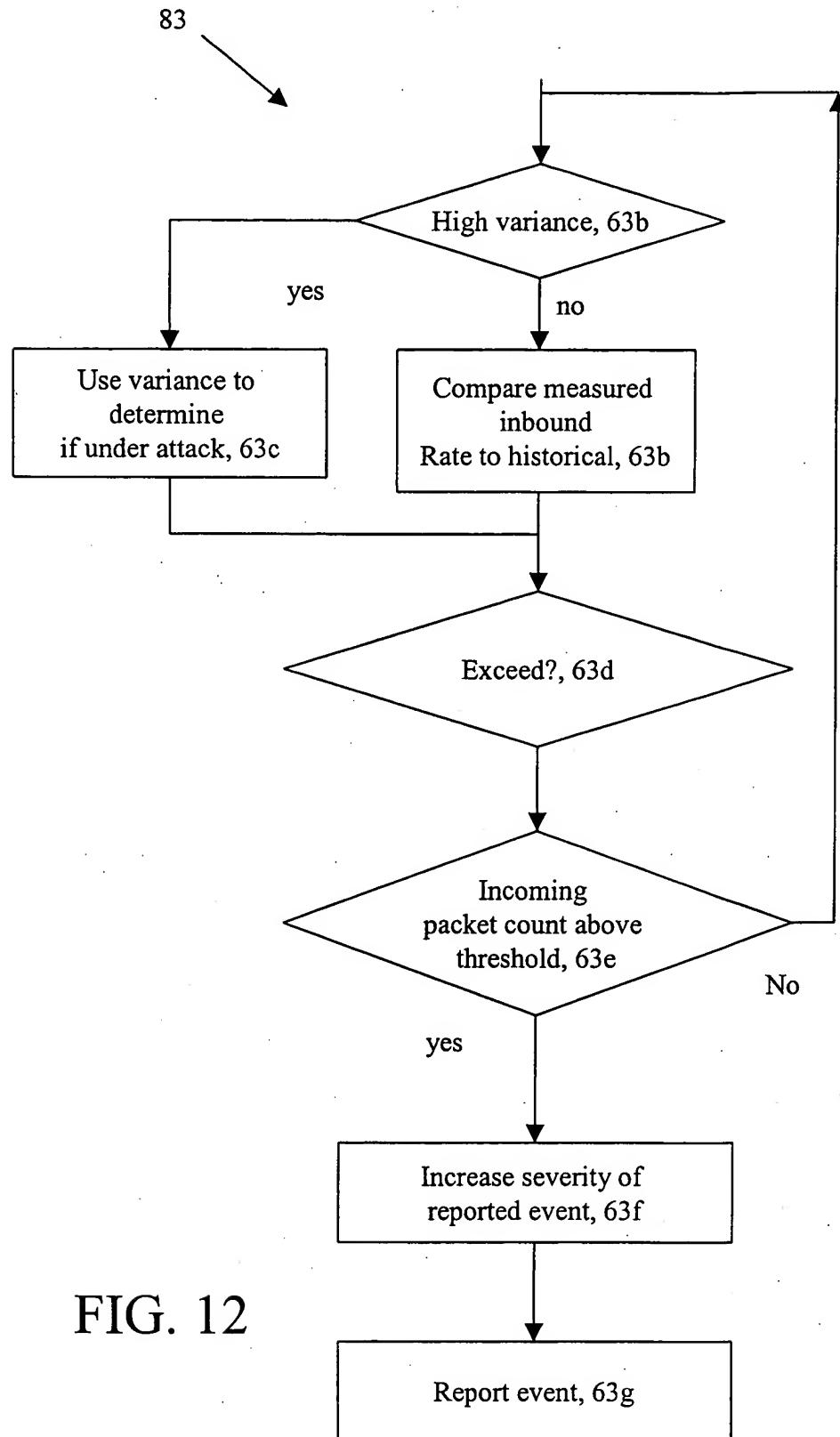


FIG. 12

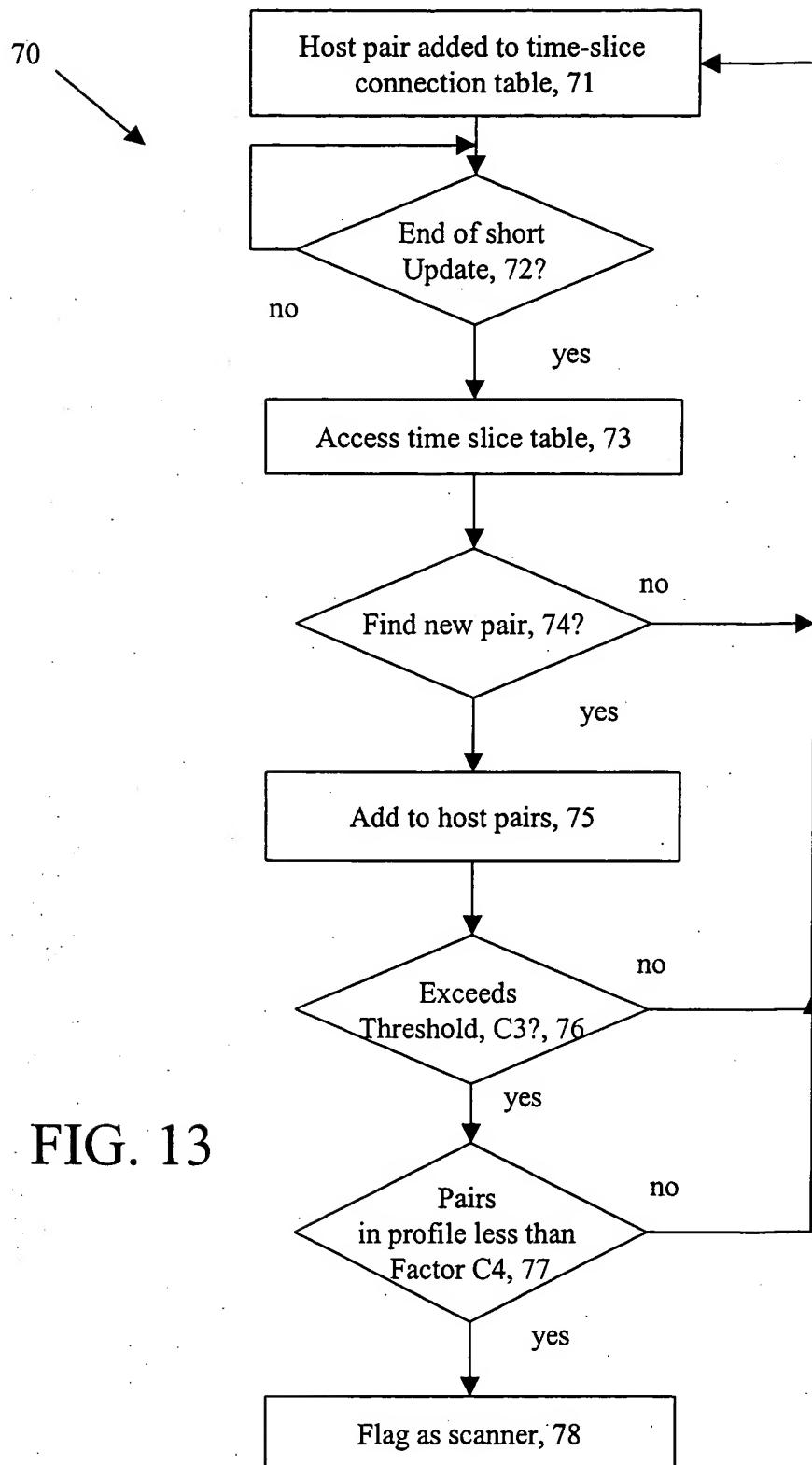


FIG. 13

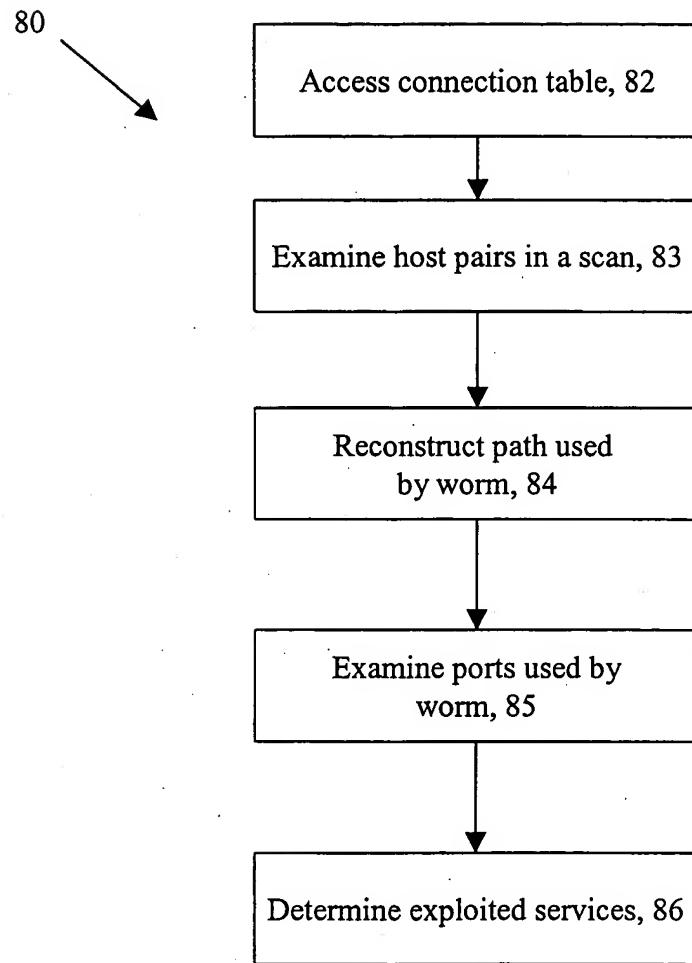


FIG. 14

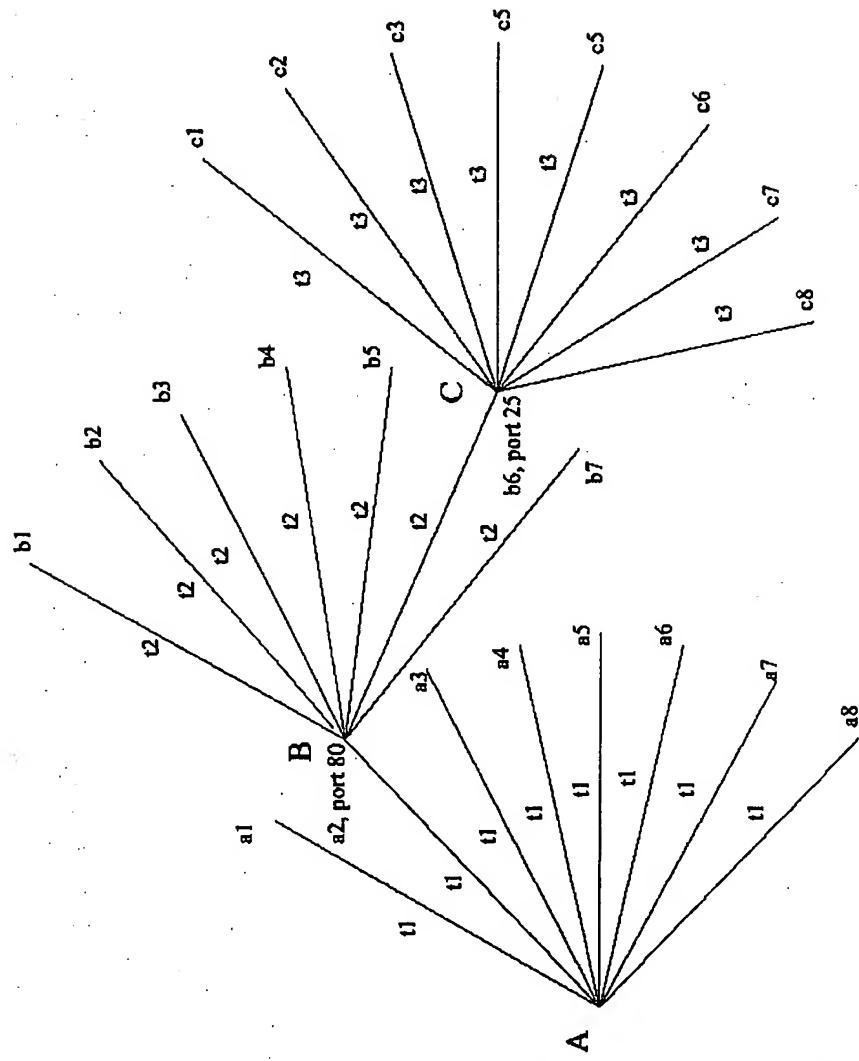


FIG. 15

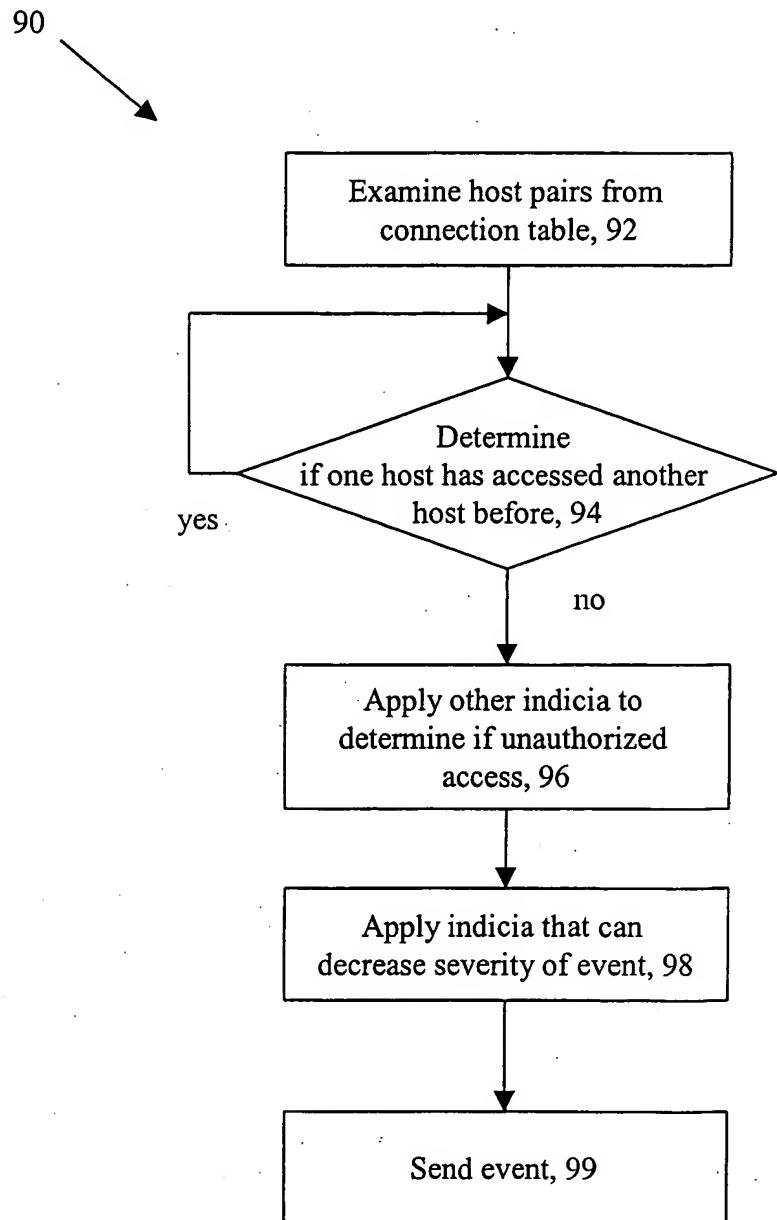


FIG. 16

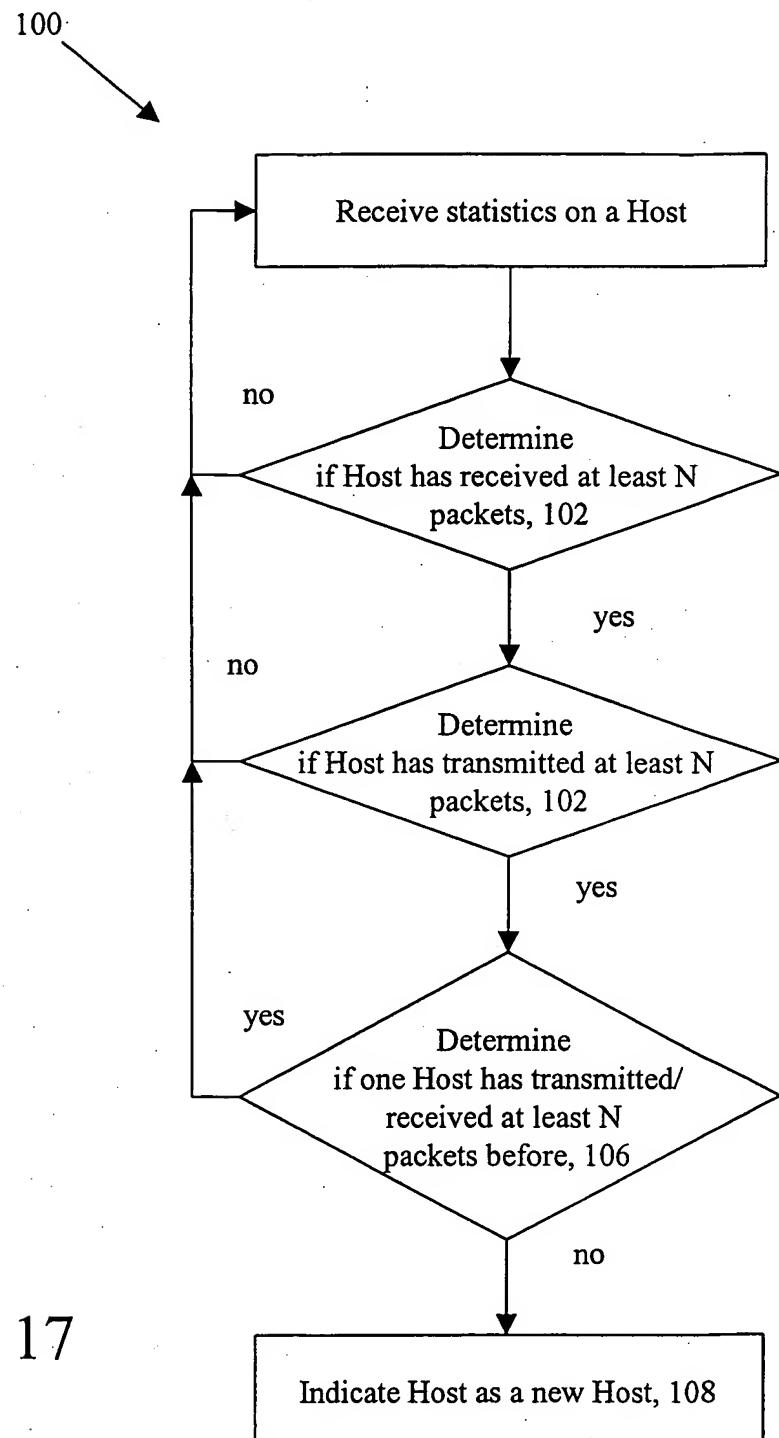


FIG. 17

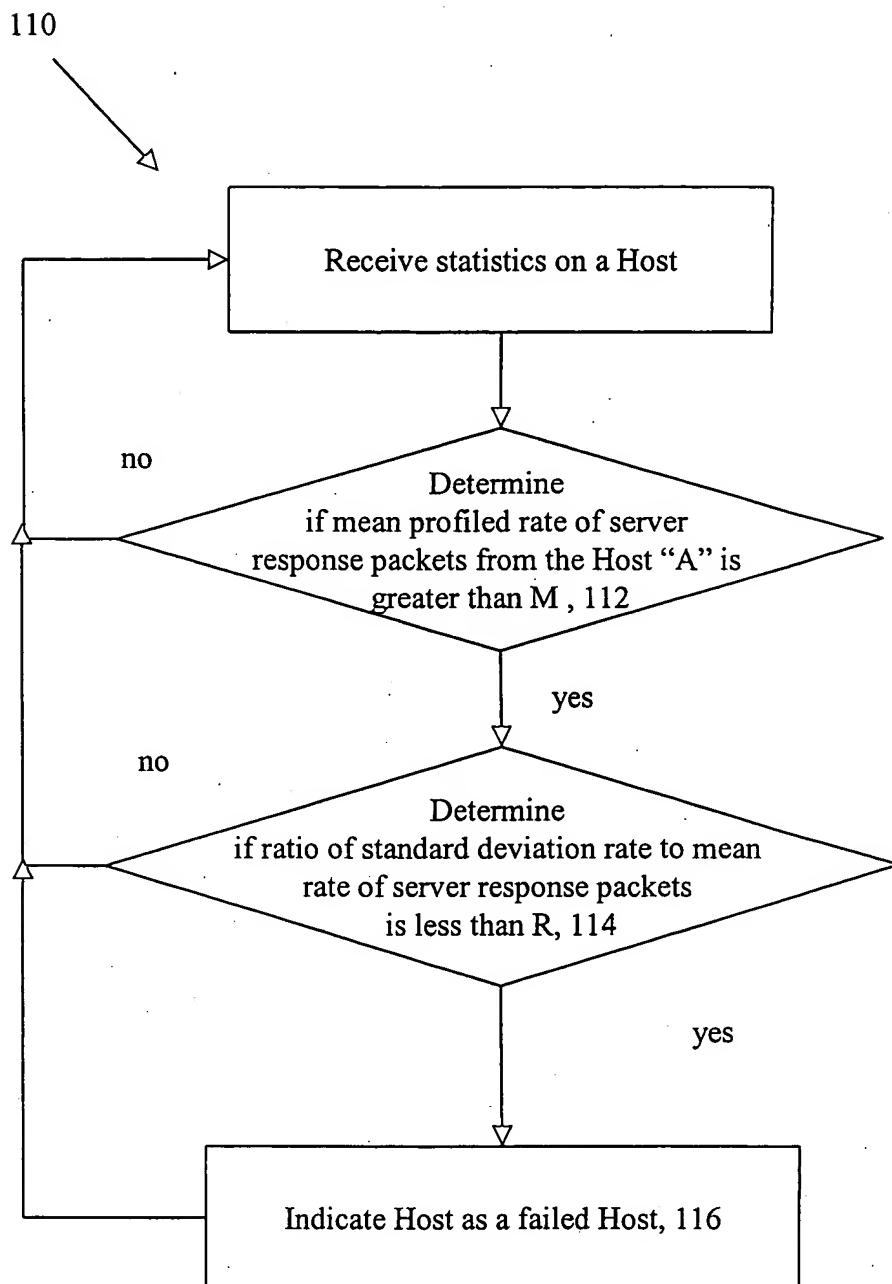


FIG. 18

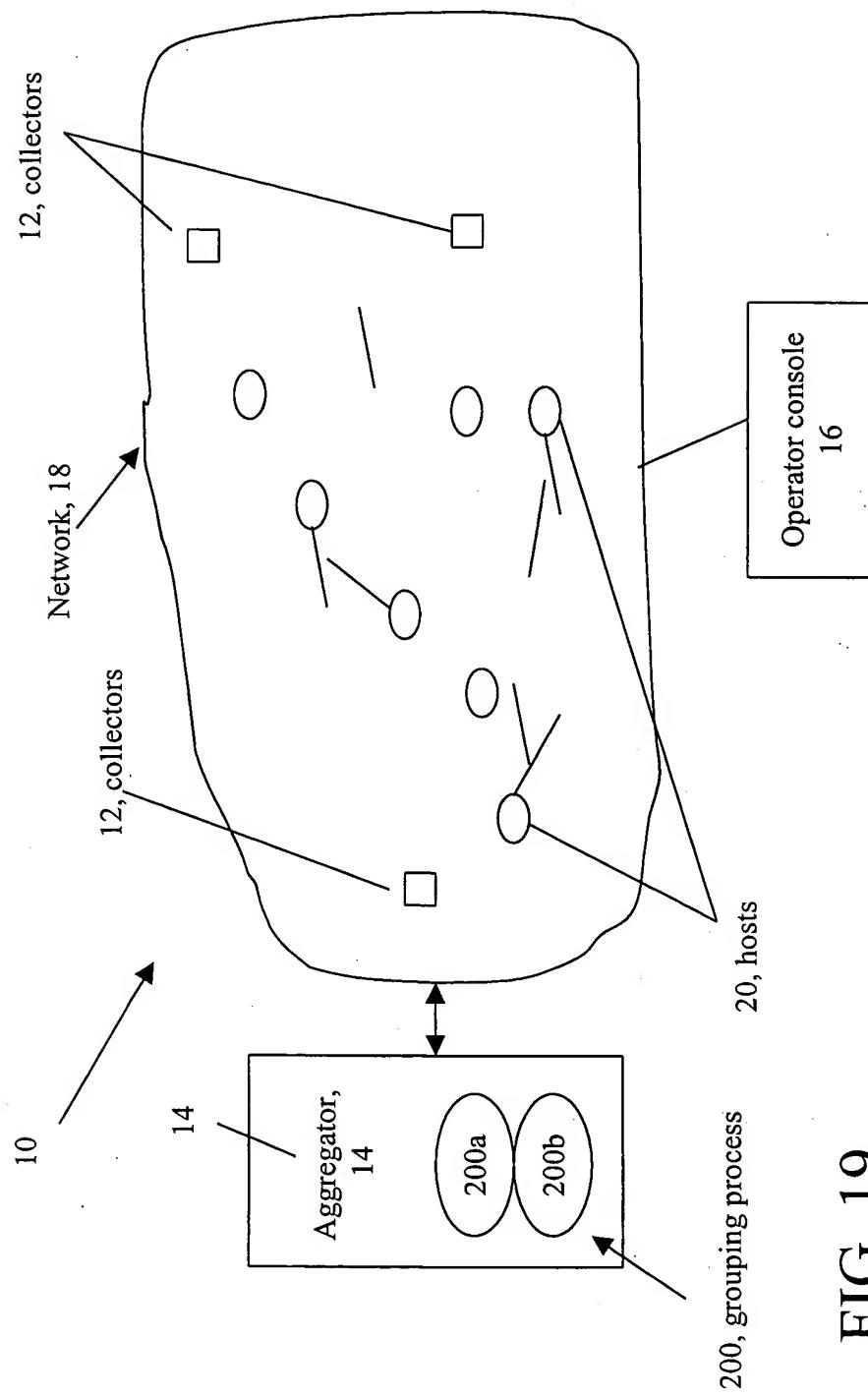
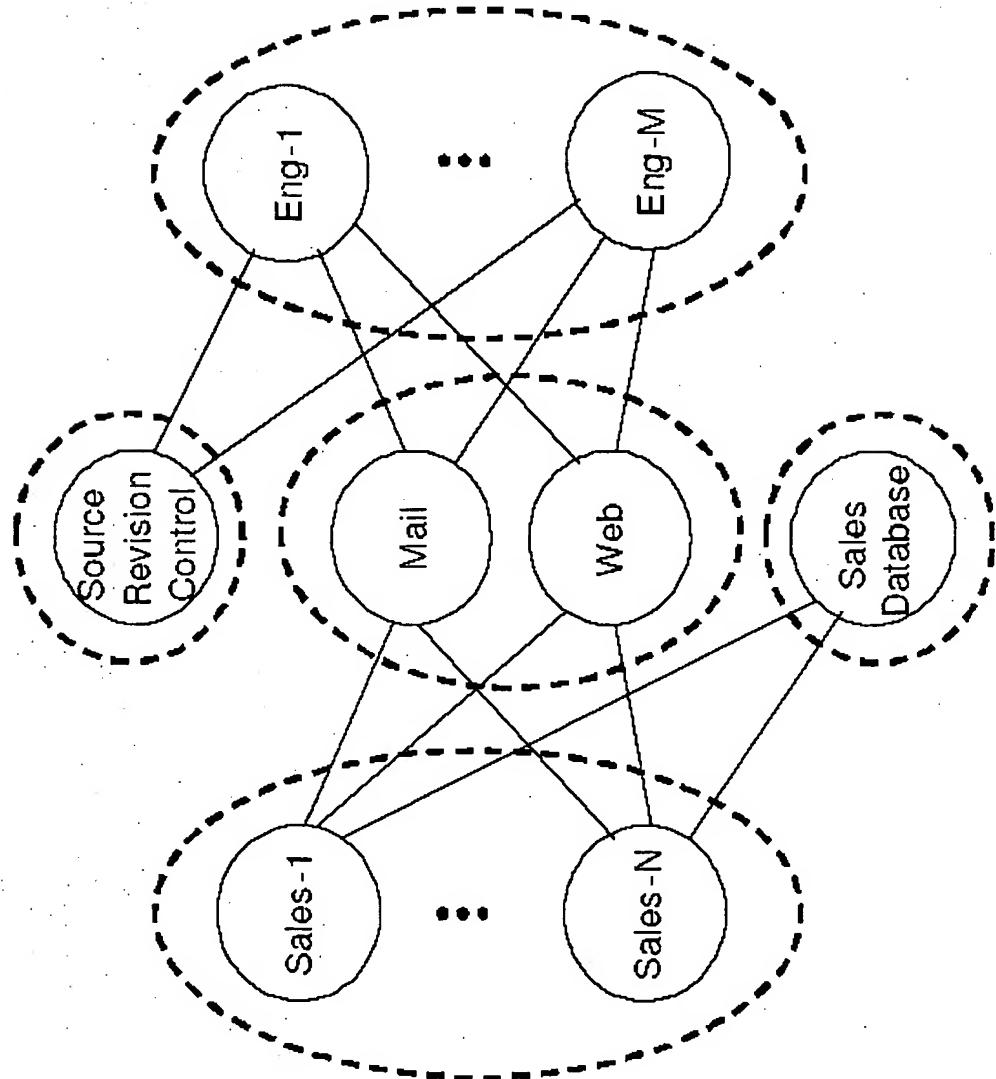
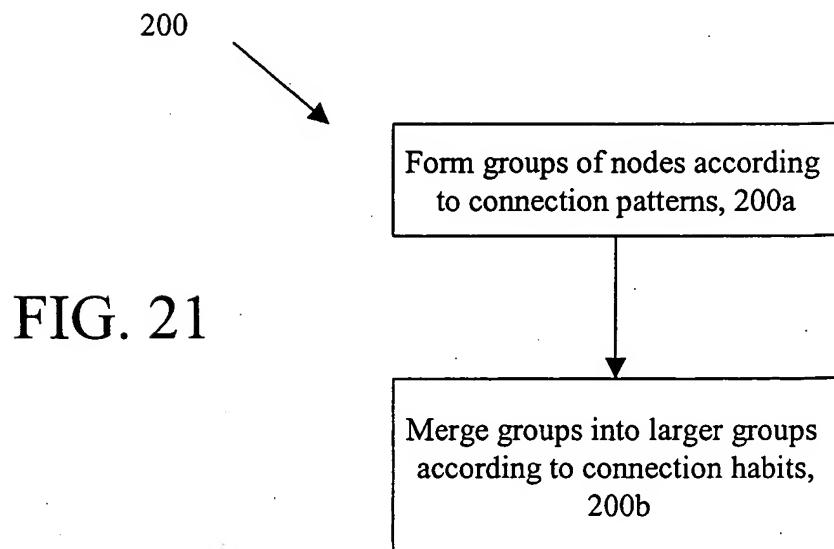


FIG. 19

FIG. 20





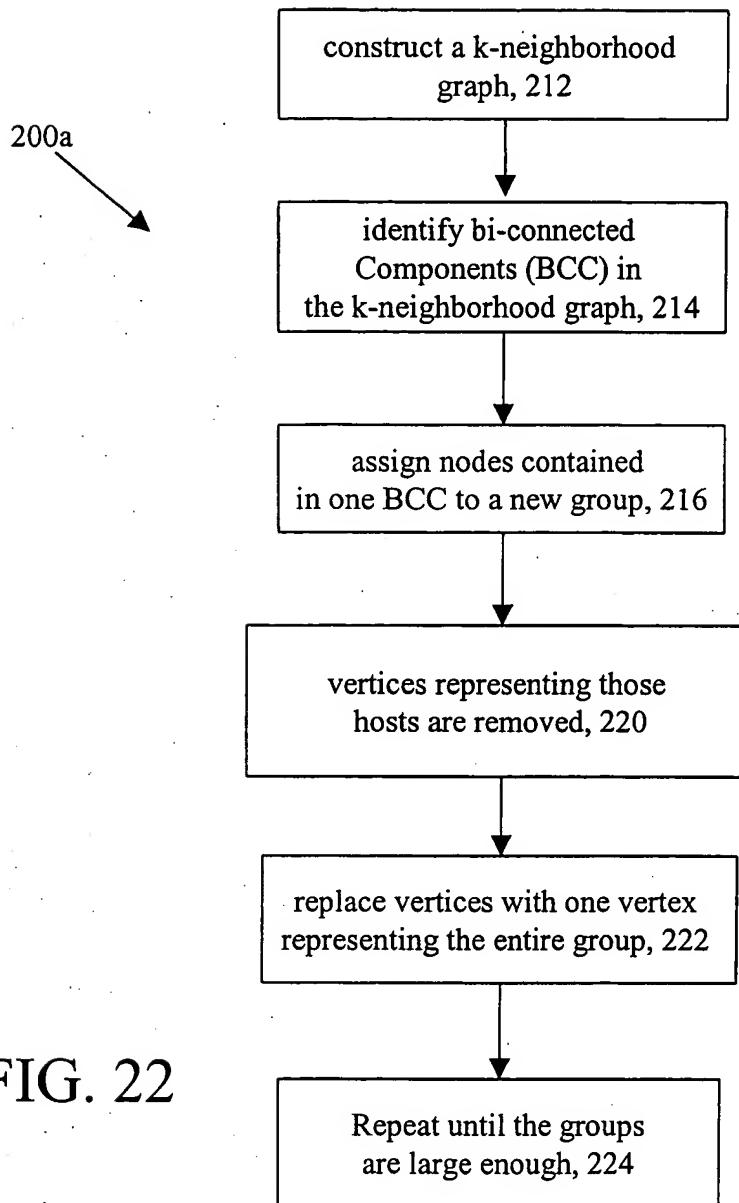


FIG. 22

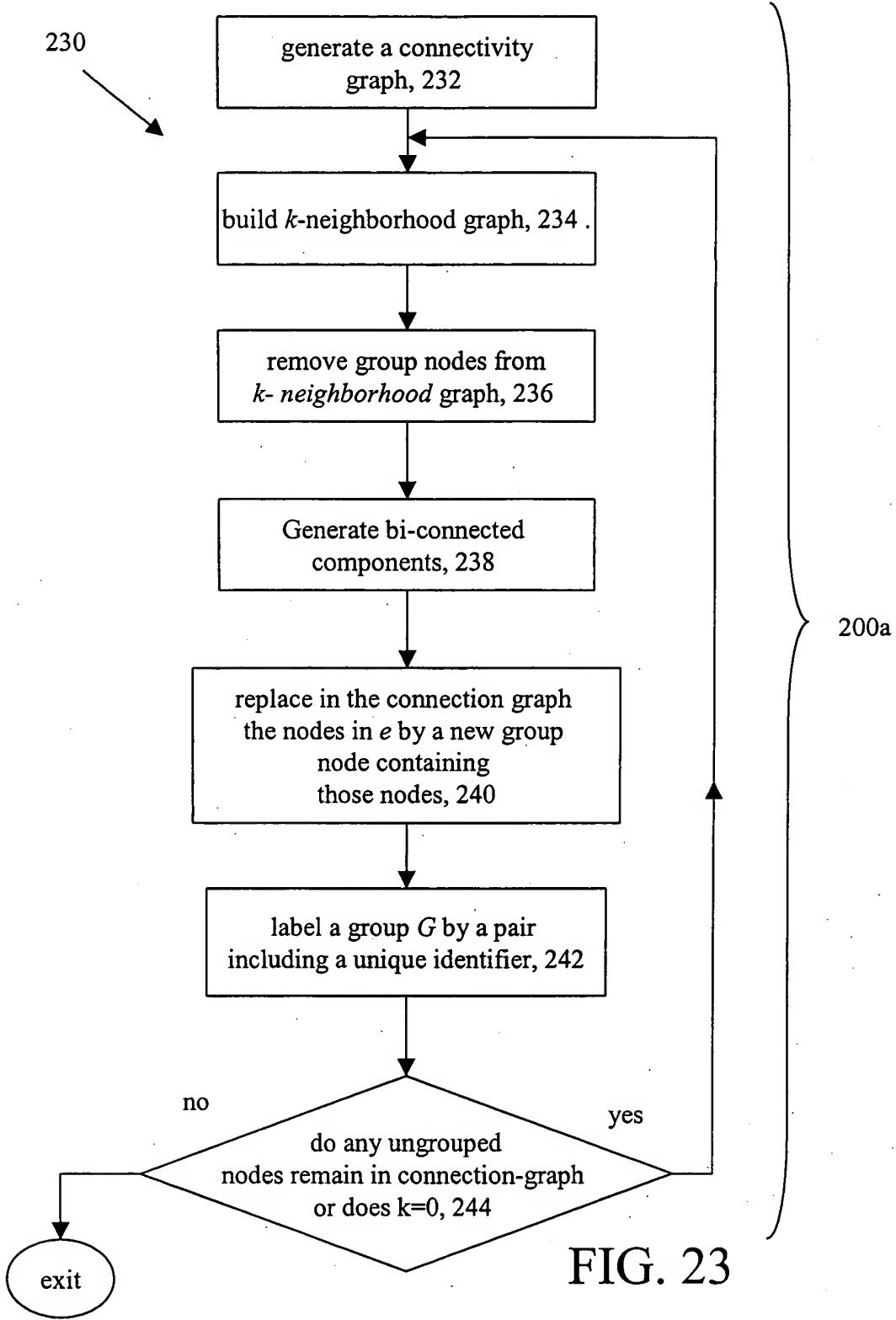
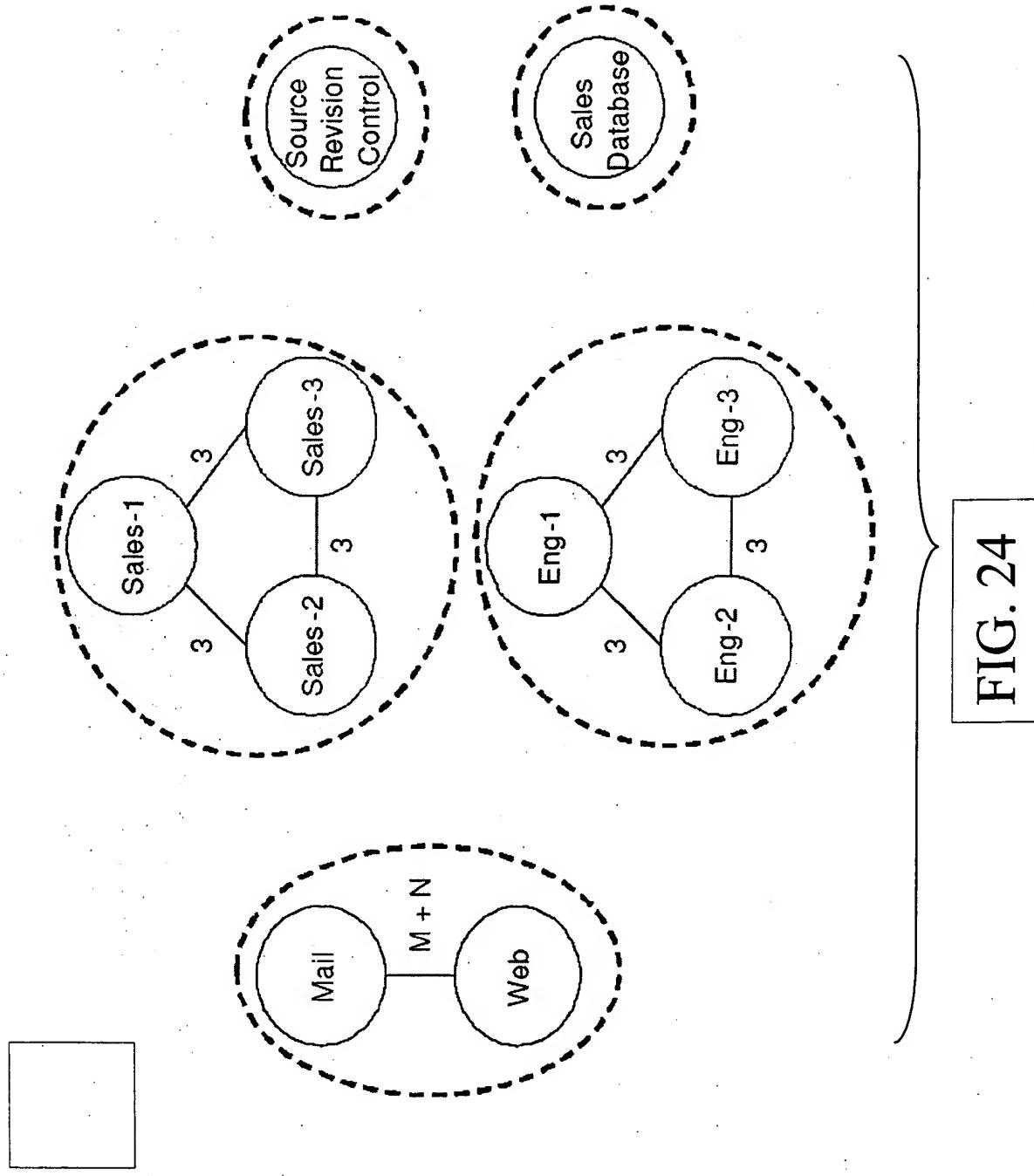


FIG. 23



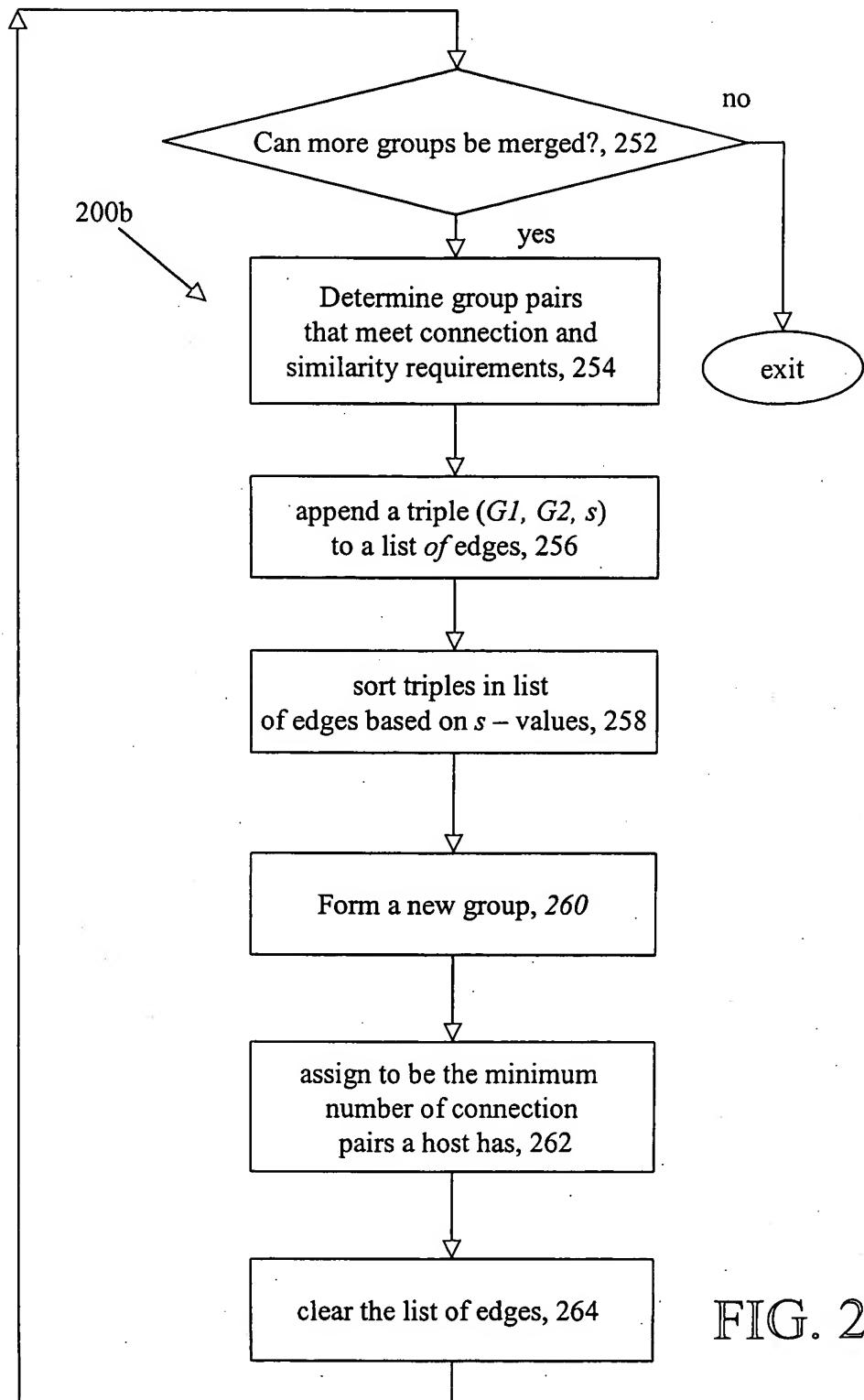


FIG. 25

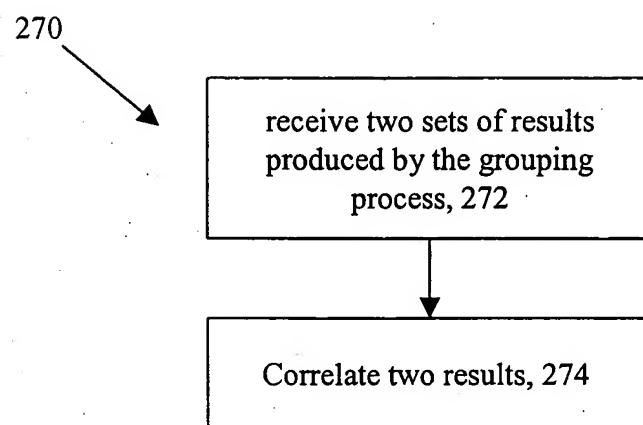


FIG. 26

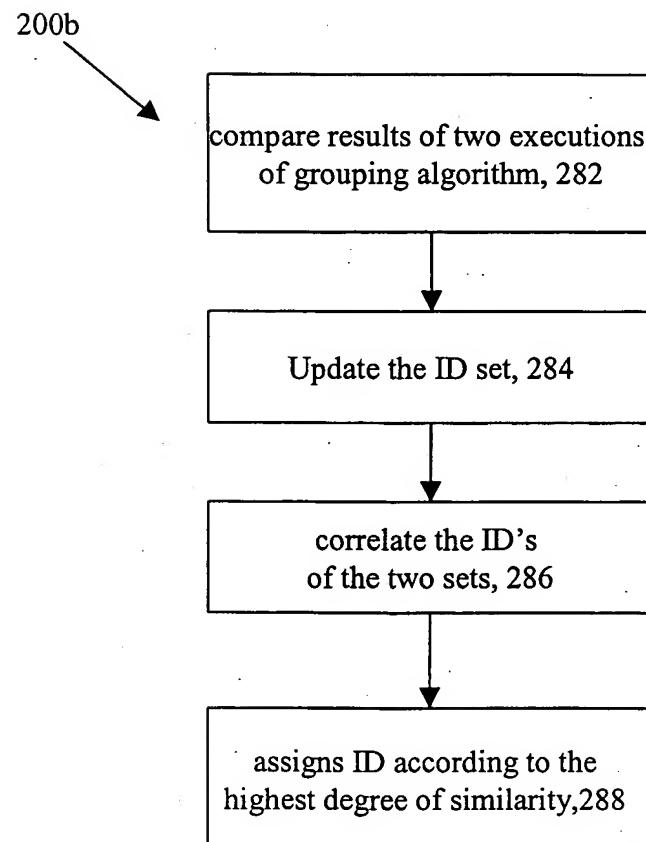


FIG. 27

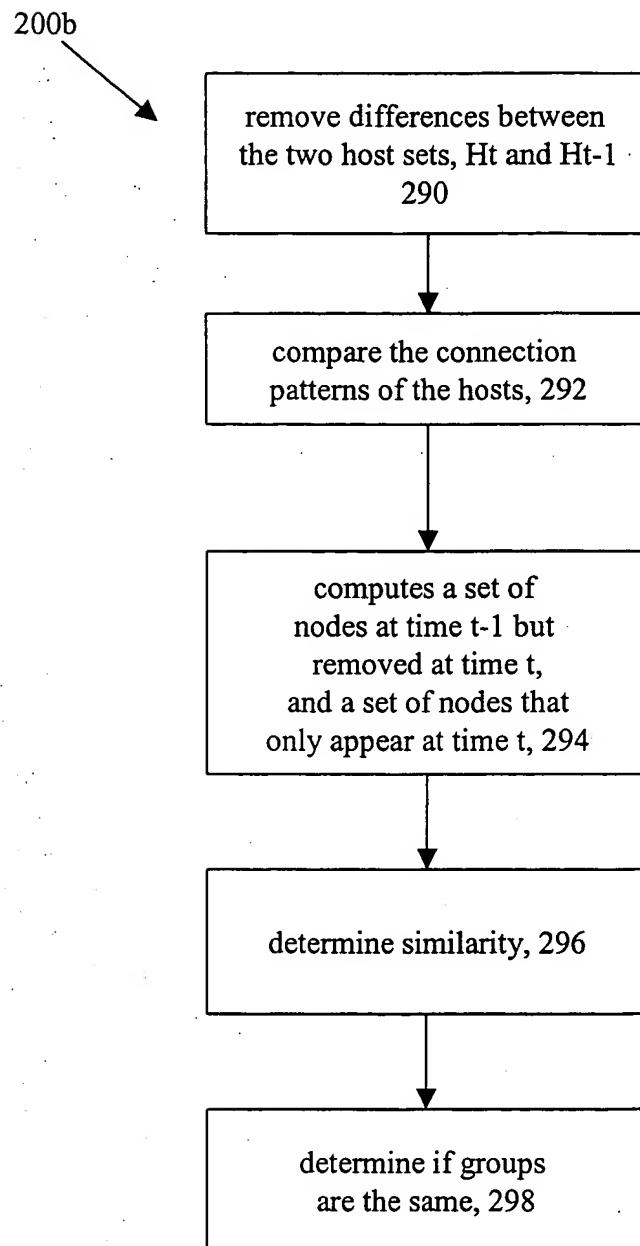
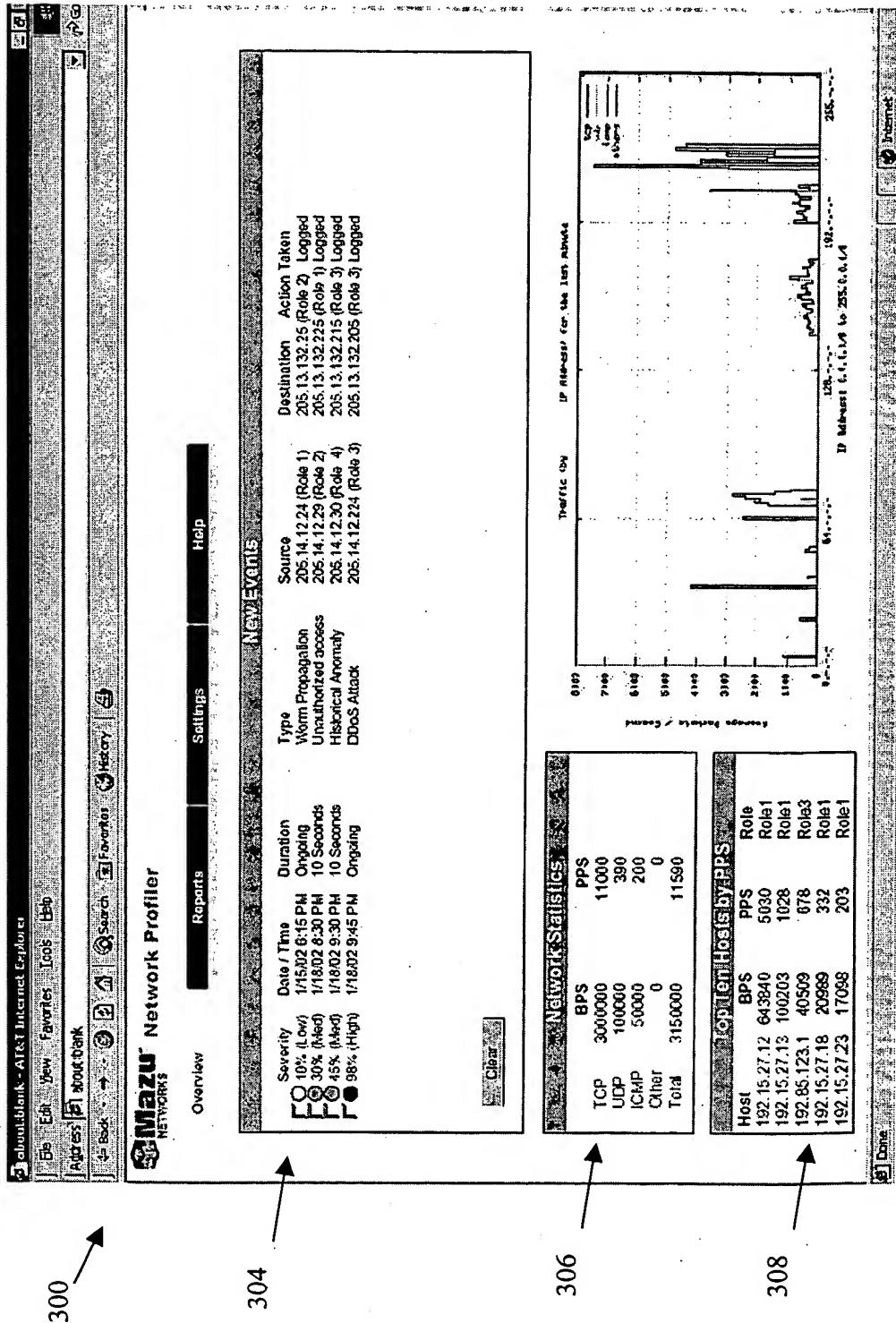


FIG. 28



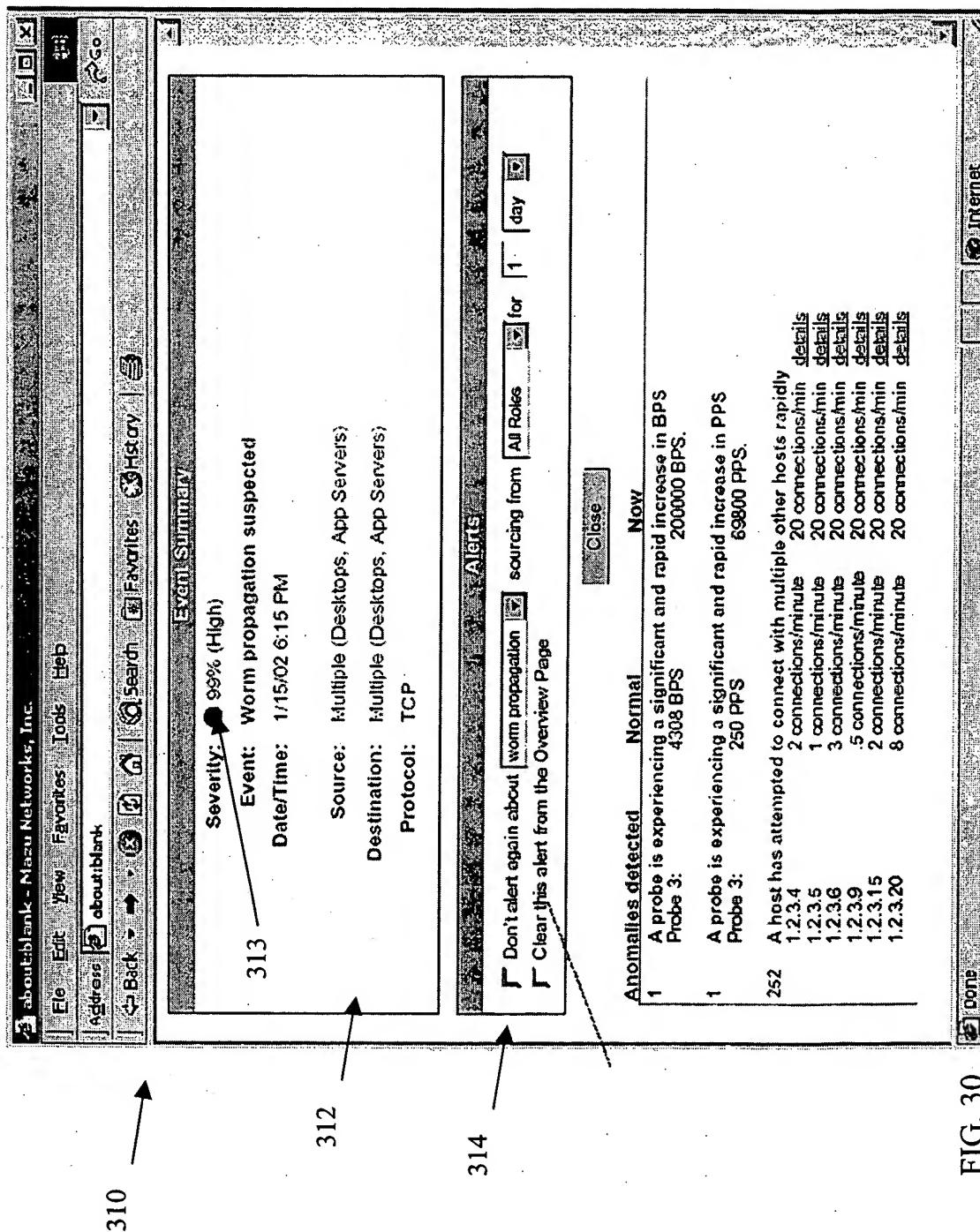


FIG. 30

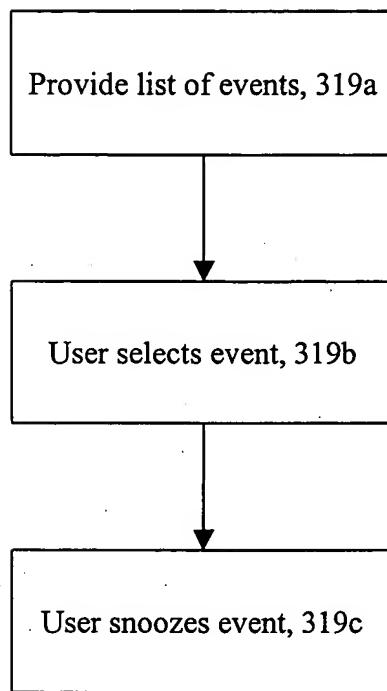


FIG. 31

SEMAZU - Network Profiler

Overview Report Host Profiles Probe Profiles Traffic Analysis Probe Profiles Alert Reports Configuration Help

Address [?] about:blank

Back Forward Stop Refresh Search Favorites History

Time Range Widget

Show Alerts

Done

324

322

Severity	Date / Time	Type	Source	Destination	Action Taken
10% (Low)	1/15/02 6:15 PM	Historical Anomaly	205.14.12.24 (Role 1)	205.13.132.25 (Role 2)	Logged
30% (Med)	1/18/02 8:30 PM	Historical Anomaly	205.14.12.26 (Role 2)	205.13.132.225 (Role 1)	Logged
45% (Med)	1/18/02 0:30 PM	Historical Anomaly	205.14.12.30 (Role 4)	205.13.132.215 (Role 3)	Logged
98% (High)	1/18/02 0:45 PM	Historical Anomaly	205.14.12.224 (Role 3)	205.13.132.205 (Role 3)	Logged

FIG. 32

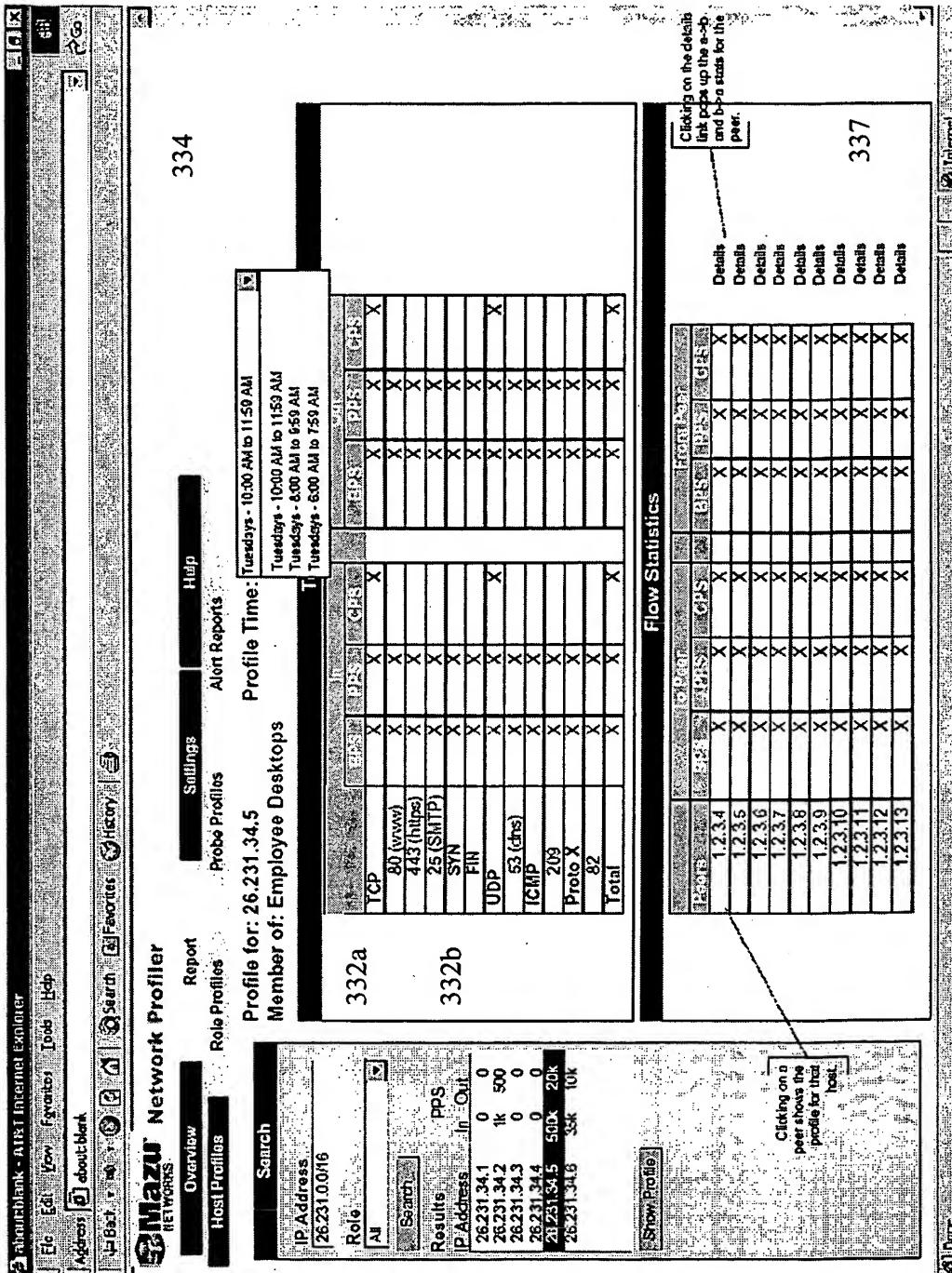
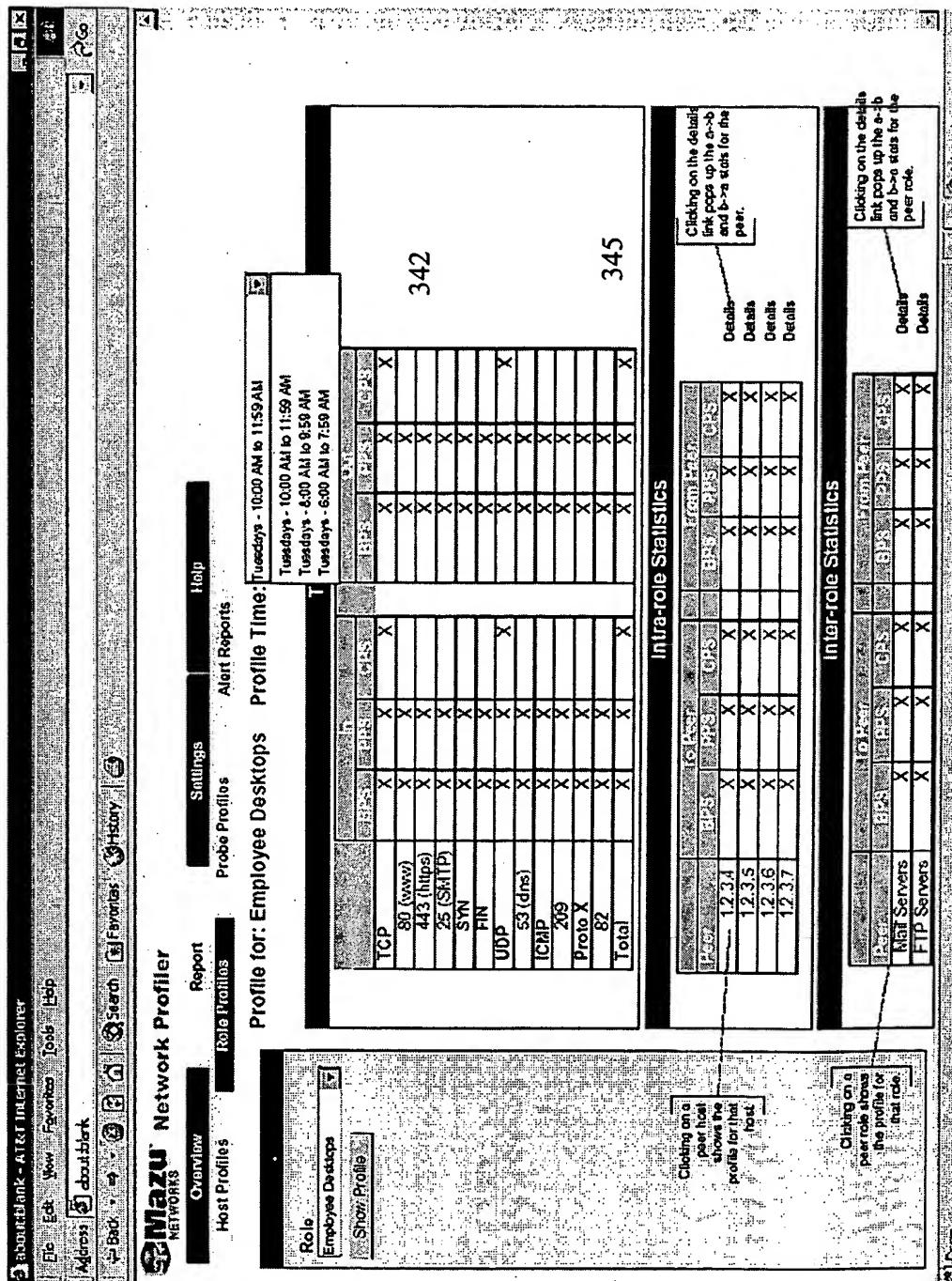


FIG. 33

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FIG. 34

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346 347 348 349 350

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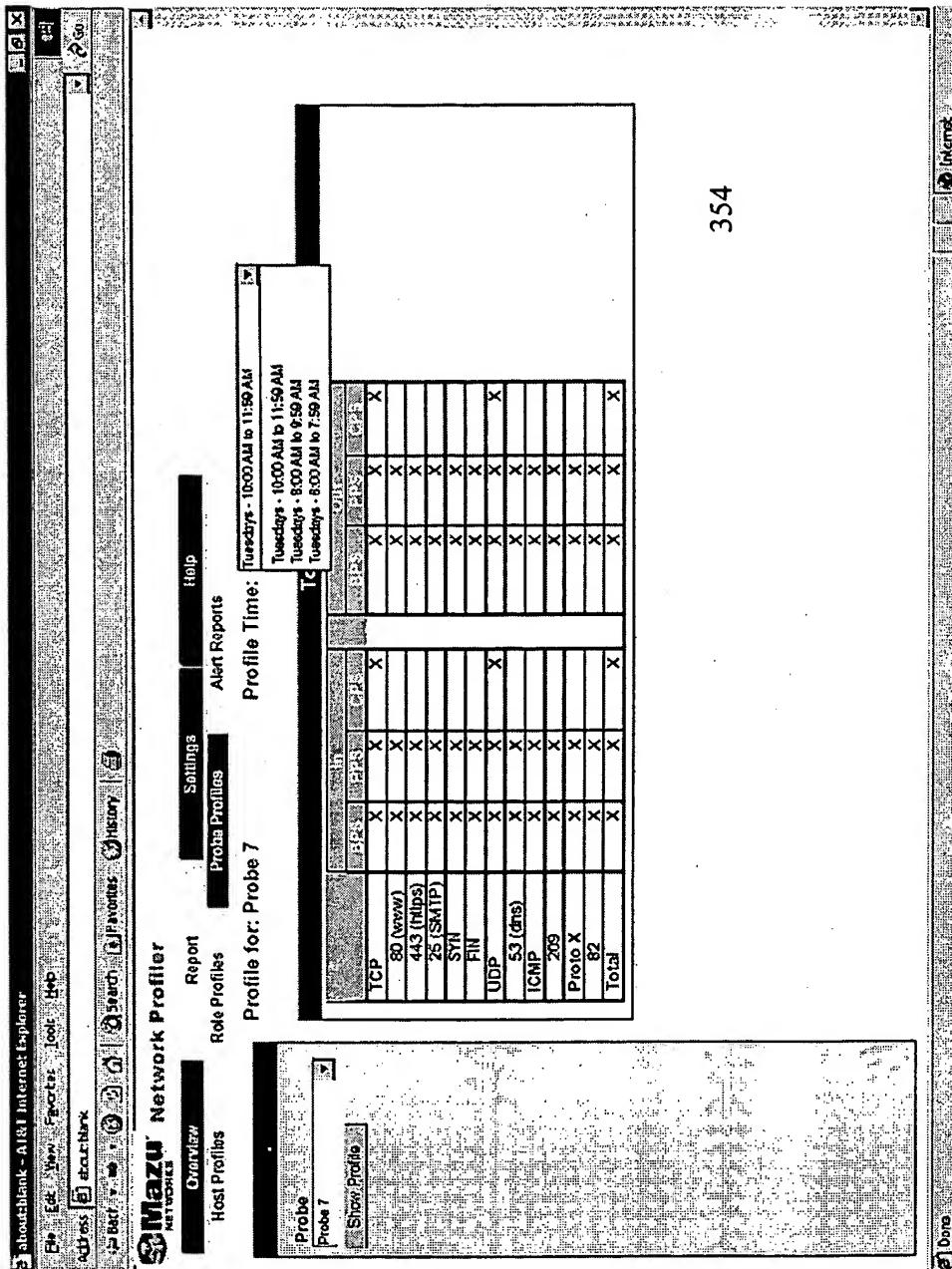


FIG. 35

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FIG. 36

The screenshot shows the Juniper Network Profiler interface with the following details:

Role Assignments:

IP Address	Assigned By
215.15.21.31	User
215.15.21.32	User
215.15.21.33	User
215.15.21.34	Auto
215.15.21.35	Auto
215.15.21.36	Auto
215.15.21.37	Auto
215.15.21.38	Auto
215.15.21.39	Auto
215.15.21.40	Auto
215.15.21.41	Auto
215.15.21.42	Auto
215.15.21.43	Auto
215.15.21.44	Auto
215.15.21.45	Auto
215.15.21.46	Auto

Proposed Role:

IP Address	Proposed Role
215.15.25.9	Mail Servers
215.15.25.91	Web Servers
215.15.21.51	Employee Machines
215.15.21.52	Employee Machines
215.15.21.53	Employee Machines
215.70.123.123	New Role 1 (Unknown)
215.70.123.55	Evaluating

Buttons:

- Add
- Remove
- Modify
- Now
- Done

about:blank - After Internet Explorer

File Edit View Favorites Tools Help

Address Book Back Forward Search Favorites History

Smazu Network Profiler

NETWORKS

Overview Reports Roles Anomaly detection Settings Help Automation

General View/Edit

Event Status Rules

Unauthorized access	Enabled	3
New host identified	Enabled	1
Worm propagation	Enabled	3
Scanning/pinging	Enabled	1
Bandwidth DoS attack	Enabled	1
Failure of a network segment or host	Disabled	

Worm propagation detection settings

Enabled

Heuristic-specific setting: []

Heuristic-specific setting: []

Role	Low	Med	High
All Employee Desktops	20	30	50
Servers	5	10	15

Modify Add Remove

Done

